

## CUMULATIVE AUTHOR INDEX OF VOLUMES 1-20

1. Abarbanel, S. and M. Goldberg, A test problem for numerical schemes for nonlinear hyperbolic equations 8 (1976) 331-334
2. Aboudi, J. and Y. Weitsman, A numerical solution for the problem of an impacted fiber-reinforced viscoelastic half-space 4 (1974) 349-366
3. Aboudi, J. and Y. Benveniste, The nonlinear Lamb problem 6 (1975) 319-333
4. Aboudi, J., Two-dimensional wave propagation in a nonlinear elastic half-space 9 (1976) 25-46
5. Aboudi, J., Numerical solution of dynamic stresses induced by moving cracks 9 (1976) 301-316
6. Aboudi, J., The dynamic stresses induced by moving interfacial cracks 10 (1977) 303-323
7. Aboudi, J., The dynamic contact stresses caused by the impact of a nonlinear elastic half-space by an axisymmetrical projectile 13 (1978) 189-204
8. Aboudi, J., The dynamic stresses induced by the propagation of skew cracks 15 (1978) 181-199
9. Aboudi, J., The dynamic indentation and impact of a viscoelastic half-space by an axisymmetric rigid body 20 (1979) 135-150
10. Absi, E. and W. Prager, A comparison of equivalence and finite element methods 6 (1975) 59-64
11. Anand, S.C. and R.H.H. Shaw, Use of LST elements in elastic-plastic solutions 15 (1978) 1-12
12. Apelt, C.J. and L.T. Isaacs, On the estimation of the optimum accelerator for SOR applied to finite element methods 12 (1977) 383-391
13. Argyris, J.H. and D. W. Scharpf, Matrix displacement analysis of shells and plates including transverse shear strain effects 1 (1972) 81-139
14. Argyris, J.H. and N. Lochner, On the application of the SHEBA shell element 1 (1972) 317-347
15. Argyris, J.H., P.C. Dunne and T. Angelopoulos, Non-linear oscillations using the finite element technique 2 (1973) 203-250
16. Argyris, J.H., T. Angelopoulos and B. Bichat, A general method for the shape finding of lightweight tension structures 3 (1974) 135-149
17. Argyris, J.H., P.C. Dunne, T. Angelopoulos and B. Bichat, Large natural strains and some special difficulties due to non-linearity and incompressibility in finite elements 4 (1974) 219-278
18. Argyris, J.H. and O.E. Brønlund, The natural factor formulation of the stiffness for the matrix displacement method 5 (1975) 97-119
19. Argyris, J.H., T.L. Johnsen, R.A. Rosanoff and J.R. Roy, On numerical error in the finite element method 7 (1976) 261-282
20. Argyris, J.H., G. Faust and K.J. Willam, Limit load analysis of thick-walled concrete structures - a finite element approach to fracture 8 (1976) 215-243
21. Argyris, J.H., P.C. Dunne, T.L. Johnsen and M. Müller, Linear systems with a large number of sparse constraints with applications to incompressible materials 10 (1977) 105-132
22. Argyris, J.H., K.S. Pister, J. Szimmat and K.J. Willam, Unified concepts of constitutive modelling and numerical solution methods for concrete creep problems 10 (1977) 199-246
23. Argyris, J.H., P.C. Dunne, G.A. Malejannakis and E. Schelkle, A simple triangular facet shell element with applications to linear and non-linear equilibrium and elastic stability problems - Parts I to V 10 (1977) 371-403
24. Argyris, J.H., P.C. Dunne, G.A. Malejannakis and E. Schelkle, A simple triangular facet shell element with applications to linear and non-linear equilibrium and elastic stability problems - Part VI 11 (1977) 97-131
25. Argyris, J.H. and M. Kleiber, Incremental formulation in nonlinear mechanics and large strain elasto-plasticity - natural approach - Part I 11 (1977) 215-247
26. Argyris, J.H., L.E. Vaz and K.J. Willam, Higher-order methods for transient diffusion analysis 12 (1977) 243-278
27. Argyris, J.H., P.C. Dunne and M. Müller, Isochoric constant-strain finite elements 13 (1978) 245-278
28. Argyris, J.H., J.S. Doltsinis and M. Kleiber, Incremental formulation in nonlinear mechanics and large strain elasto-plasticity - natural approach - Part II 14 (1978) 259-294
29. Argyris, J.H., P.C. Dunne and D.W. Scharpf, On large displacement, small strain analysis of structures with rotational degrees of freedom - Part 1 14 (1978) 401-451

30. Argyris, J.H., P.C. Dunne, G.A. Malejannakis and D.W. Scharpf, On large displacement, small strain analysis of structures with rotational degrees of freedom – Part 2 15 (1978) 99–135
31. Argyris, J.H., T.L. Johnsen and H.-P. Mlejnek, On the natural factor in nonlinear analysis 15 (1978) 365–388
32. Argyris, J.H., P.C. Dunne and M. Müller, Note on large-strain applications of modified constant-strain finite elements 15 (1978) 389–405
33. Argyris, J.H., L.E. Vaz and K.J. Willam, Improved solution methods for inelastic rate problems 16 (1978) 231–277
34. Argyris, J.H., P.C. Dunne, M. Haase and J. Orkisz, Higher-order simplex elements for large strain analysis – natural approach 16 (1978) 369–403
35. Argyris, J.H., H. Balmer, J.S. Doltsinis, P.C. Dunne, M. Haase, M. Kleiber, G.A. Malejannakis, H.-P. Mlejnek, M. Müller and D.W. Scharpf, Finite element method – the natural approach 17/18 (1979) 1–106
36. Argyris, J.H., J.S. Doltsinis, W.C. Knudson, L.E. Vaz and K.J. William, Numerical solution of transient nonlinear problems 17/18 (1979) 341–409
37. Argyris, J.H., T.L. Johnsen and H.-P. Mlejnek, On accurate stress calculation in static and dynamic problems using the natural factor approach 19 (1979) 277–308
38. Argyris, J.H., O. Hilpert, G.A. Malejannakis and D.W. Scharpf, On the geometrical stiffness of a beam in space – a consistent V.W. approach 20 (1979) 105–131
39. Argyris, J.H. and J.S. Doltsinis, On the large strain inelastic analysis in natural formulation – Part I. Quasistatic problems 20 (1979) 213–251
40. Arminjon, P. and C. Beauchamp, Numerical solution of Burgers' equations in two space dimensions 19 (1979) 351–365
41. Auerbach, T., J.-P. Gandillon, W. Hälgl and J. Mennig, Analytical solution of  $S_4$  equations in plane geometry 2 (1973) 133–146
42. Axelsson, O., A class of iterative methods for finite element equations 9 (1976) 123–137
43. Axelsson, O. and I. Gustafsson, Iterative methods for the solution in the Navier equations of elasticity 15 (1978) 241–258
44. Axelsson, O. and I. Gustafsson, An iterative solver for a mixed variable variational formulation of the (first) biharmonic problem 20 (1979) 9–16
45. Babenko, K.I., Estimating the quality of computational algorithms – Part 1 7 (1976) 47–73
46. Babenko, K.I., Estimating the quality of computational algorithms – Part 2 7 (1976) 135–152
47. Babuška, I., J.T. Oden and J.K. Lee, Mixed-hybrid finite element approximations of second-order elliptic boundary value problems – Part 1 11 (1977) 175–206
48. Babuška, I., J.T. Oden and J.K. Lee, Mixed-hybrid finite element approximations of second-order elliptic boundary value problems – Part 2. Weak hybrid methods 14 (1978) 1–22
49. Babuška, I. and W.C. Rheinboldt, Adaptive approaches and reliability estimations in finite element analysis 17/18 (1979) 519–540
50. Bailey, C.D., The method of Ritz applied to the equation of Hamilton 7 (1976) 235–247
51. Baker, A.J., Finite element solution theory for three-dimensional boundary flows (Errata 5 (1975) 121–122) 4 (1974) 367–386
52. Balmer, H., J.S. Doltsinis and M. König, Elastoplastic and creep analysis with the ASKA program system 3 (1974) 87–104
53. Balmer, H. and J.S. Doltsinis, Extensions to the elastoplastic analysis with the ASKA program system 13 (1978) 363–401
54. Bartholomew, P., Solution of elastic crack problems by superposition of finite elements and singular fields 13 (1978) 59–78
55. Batra, R.L. and K. Koshy, Numerical solution of three-dimensional entrance flow of a Bingham material through noncircular ducts 19 (1979) 313–332
56. Baumgarte, J., Stabilization of constraints and integrals of motion in dynamical systems 1 (1972) 1–16
57. Bažant, Z.P., Spurious reflection of elastic waves in nonuniform finite element grids 16 (1978) 91–100
58. Bellagamba, L., CONGAU – constrained minimization of least squares objective functions 16 (1978) 303–311
59. Belytschko, T., H.-J. Yen and R. Mullen, Mixed methods for time integration 17/18 (1979) 259–275
60. Bergan, P.G. and T. Sørense, A comparative study of different numerical solution techniques as applied to a nonlinear structural problem 2 (1973) 185–201
61. Bergan, P.G. and I. Holand, Nonlinear finite element analysis of concrete structures 17/18 (1979) 443–467
62. Besseling, J.F., Nonlinear analysis of structures by the finite element method as a supplement to a linear analysis 3 (1974) 173–194
63. Besseling, J.F., Derivatives of deformation parameters for bar elements and their use in buckling and postbuckling analysis 12 (1977) 97–124



64. Besseling, J.F., L.J. Ernst, K. van der Werff, A.U. de Koning and E. Riks, Geometrical and physical nonlinearities: some developments in the Netherlands 17/18 (1979) 131-157
65. Biffle, J.H. and E.B. Becker, Finite element stress formulation for dynamic elastic-plastic analysis 6 (1975) 101-119
66. Biffle, J.H. and S.W. Key, Finite element formulations for transient dynamic problems in solids using explicit time integration 12 (1977) 323-336
67. Blottner, F.G., Variable grid scheme applied to turbulent boundary layers 4 (1974) 179-194
68. Blottner, F.G., Investigations of some finite difference techniques for solving the boundary layer equations 6 (1975) 1-30
69. Blottner, F.G., Numerical solution of slender-channel laminar flows 11 (1977) 319-339
70. Bogomolnii, A., G. Eskin and S. Zuchowizkii, Numerical solution of the stamp problem 15 (1978) 149-159
71. Boni, B. and M. Kleiber, Numerical plastic collapse analysis of plane bending-and-torque supporting grids 19 (1979) 1-19
72. Borkowski, A., Optimization of slab reinforcement by linear programming 12 (1977) 1-17
73. Borri, M. and P. Mantegazza, Efficient solution of quadratic eigenproblems arising in dynamic analysis of structures 12 (1977) 19-31
74. Bossavit, A. and M. Frémond, The frontal method based on mechanics and dynamic programming - an algebraic account 8 (1976) 153-178
75. Bourgat, J.F., Numerical study of a dual iterative method for solving a finite element approximation of the biharmonic equation 9 (1976) 203-218
76. Braun, K.A. and T.L. Johnsen, Hypermatrix generalization of the Jacobi and Eberlein methods for computing eigenvalues and eigenvectors of Hermitian or non-Hermitian matrices 4 (1974) 1-18
77. Brazier, P.H., An optimum SOR procedure for the solution of elliptic partial differential equations with any domain or coefficient set 3 (1974) 335-347
78. Briggs, D.G., A finite difference scheme for the incompressible advection-diffusion equation 6 (1975) 233-241
79. Briggs, D.G., Author's reply to comment on: A finite difference scheme for the incompressible advection-diffusion equation (8 (1976) 357-358) 8 (1976) 359
80. Bristeau, M.O., O. Pironneau, R. Glowinski, J. Periaux and P. Perrier, On the numerical solution of nonlinear problems in fluid dynamics by least squares and finite element methods - Part I 17/18 (1979) 619-657
81. Brønlund, O.E. and T.L. Johnsen, **QR**-Factorization of partitioned matrices - solution of large systems with non-definite coefficient matrices 3 (1974) 153-172
82. Brushlinsky, K.V., Numerical simulation of two-dimensional plasma flow in channels 6 (1975) 293-307
83. Bufler, H., Generalized variational principles with relaxed continuity requirements for certain nonlinear problems, with an application to nonlinear elasticity 19 (1979) 235-255
84. Buragohain, D.N. and S.C. Patodi, A triangular finite difference scheme for large deflection problems 16 (1978) 313-325
85. Cannarozzi, A.A., M. Capurso and F. Laudiero, An iterative procedure for collapse analysis of reinforced concrete plates 16 (1978) 47-68
86. Cantù, E. and C. Cinquini, Iterative solutions for problems of optimal elastic design 20 (1979) 257-266
87. Caretto, L.S., R.M. Curr and D.B. Spalding, Two numerical methods for three-dimensional boundary layers 1 (1972) 39-57
88. Carey, G.F., A unified approach to three finite element theories for geometric nonlinearity 4 (1974) 69-79
89. Carey, G.F., A mesh-refinement scheme for finite element computations 7 (1976) 93-105
90. Carey, G.F., An analysis of finite element equations and mesh subdivision 9 (1976) 165-179
91. Carey, G.F., Variational principles for the transonic airfoil problem 13 (1978) 129-140
92. Carey, G.F., Adaptive refinement and nonlinear fluid problems 17/18 (1979) 541-560
93. Cebeci, T. and J. Bard, Thermal response of an unsteady laminar boundary layer on a flat plate due to step changes in wall temperature and in wall heat flux 2 (1973) 323-338
94. Chan, A.S.L. and V.M. Trbojevic, Thin-shell finite element by the mixed method formulation - Part 1 9 (1976) 337-367
95. Chan, A.S.L. and V.M. Trbojevic, Thin-shell finite element by the mixed method formulation - Parts 2 and 3 10 (1977) 75-103
96. Chan, A.S.L. and J.P. Wolf, Cooling tower supporting columns and reinforcing rings in small and large displacement analyses 13 (1978) 1-26
97. Chon, Y.T., W.A. Nash and C.E. Hutchinson, On the yielding rate of a seismic structure 9 (1976) 139-152
98. Ciarlet, P.G. and P.-A. Raviart, Interpolation theory over curved elements, with applications to finite element methods 1 (1972) 217-249

99. Ciarlet, P.G. and P.-A. Raviart, Maximum principle and uniform convergence for the finite element method 2 (1973) 17- 31
100. Ciarlet, P.G. and R. Glowinski, Dual iterative techniques for solving a finite element approximation of the biharmonic equation 5 (1975) 277-295
101. Ciarlet, P.G. and P. Destuynder, A justification of a nonlinear model in plate theory 17/18 (1979) 227-258
102. Cinquini, C., D. Lamblin and G. Guerlement, Variational formulation of the optimal plastic design of circular plates 11 (1977) 19- 30
103. Clough, R.W. and E.L. Wilson, Dynamic analysis of large structural systems with local nonlinearities 17/18 (1979) 107-129
104. Cohen, G.A., Analysis of multicircuit shells of revolution by the field method 8 (1976) 301-318
105. Cohen, G.A., Transverse shear stiffness of laminated anisotropic shells 13 (1978) 205-220
106. Cohen, G.A., Comment on: Note on the effect of transverse shear deformation in laminated anisotropic plates (by E. Reissner 20 (1979) 203-209) 20 (1979) 211
107. Cohen, J. and J.O. Ferrari, A conversational language for solving problems in dimensional analysis 5 (1975) 53- 67
108. Cohen, J., Symbolic and numerical computer analysis of the combined local and overall buckling of rectangular thin-walled columns 7 (1976) 17- 38
109. Comincioli, V. and L. Guerri, Numerical solution of free boundary problems in seepage flow with capillary fringe 7 (1976) 153-178
110. Concus, P. and I. Karasalo, A numerical study of capillary stability in a circular cylindrical container with a concave spheroidal bottom 16 (1978) 327-339
111. Contro, R., G. Maier and A. Zavelani, Inelastic analysis of suspension structures by nonlinear programming 5 (1975) 127-143
112. Corradi, L. and A. Zavelani, A linear programming approach to shakedown analysis of structures 3 (1974) 37- 53
113. Crisfield, M.A., A faster modified Newton-Raphson iteration 20 (1979) 267-278
114. Curr, R.M., D. Sharma and D.G. Tatchell, Numerical predictions of some three-dimensional boundary layers in ducts 1 (1972) 143-158
115. Davies, A.M., A numerical investigation of errors arising in applying the Galerkin method to the solution of nonlinear partial differential equations 11 (1977) 341-350
116. Davies, A.M., Application of the Galerkin method to the solution of Burgers' equation 14 (1978) 305-321
117. De Donato, O. and A. Franchi, A modified gradient method for finite element elastoplastic analysis by quadratic programming 2 (1973) 107-131
118. Dems, K. and J. Lipinski, Application of finite differences for solving the two-dimensional elasticity problem by means of the finite element method 6 (1975) 49- 58
119. Dey, S.S., Finite element method for random response of structures due to stochastic excitation 20 (1979) 173-194
120. Dietrich, G., A new formulation of the hypermatrix Householder-*QR* decomposition 9 (1976) 273-280
121. Dietrich, G., On the efficient and accurate solution of the skew-symmetric eigenvalue problem - an arrangement of new and already known algorithmic formulations 14 (1978) 209-235
122. Distefano, N. and A. Samartin, A dynamic programming approach to the formulation and solution of finite element equations 5 (1975) 37- 52
123. Distefano, N. and A. Rath, System identification in nonlinear structural seismic dynamics 5 (1975) 353-372
124. Distefano, N. and A. Rath, Sequential identification of hysteretic and viscous models in structural seismic dynamics 6 (1975) 219-232
125. Dutt, H.N.V. and A.K. Sreekanth, Design of supersonic airfoils by numerical optimization 19 (1979) 417-427
126. Dyachenko, V.F., The free point method for problems of continuous media 2 (1973) 265-277
127. Engquist, B. and H.-O. Kreiss, Difference and finite element methods for hyperbolic differential equations 17/18 (1979) 581-596
128. Fair, W. and J. Wimp, The  $\tau$ -method and Fredholm integral equations 11 (1977) 207-214
129. Felippa, C.A. and K.C. Park, Direct time integration methods in nonlinear structural dynamics 17/18 (1979) 277-313
130. Fischer, K., On the calculation of higher derivatives in finite elements 7 (1976) 323-330
131. Fletcher, C.A.J., An improved finite element formulation derived from the method of weighted residuals 15 (1978) 207-222
132. Fleury, C., A unified approach to structural weight minimization 20 (1979) 17- 38
133. Förster, K., Technically oriented algorithms for unsteady pipe flow 2 (1973) 279-303
134. Fried, I. and J.A. Metzler, Conjugate gradient solution of a finite element elastic problem with high Poisson ratio 15 (1978) 83- 84
135. Fried, I., Accuracy of string element mass matrix 20 (1979) 317-321



136. Friedman, M. and Y. Yavin, On the numerical solution of a nonlinear partial differential equation related to the optimal control of a noisy oscillator 8 (1976) 349-355
137. Friedman, M. and Y. Yavin, On the numerical solution of two coupled nonlinear partial integro-differential equations related to the optimal control of a nonlinear noisy oscillator 16 (1978) 37- 46
138. Frik, G. and T.L. Johnsen, Note on the ill-conditioned eigenvalue problem in elastic vibrations 6 (1975) 65- 77
139. von Fuchs, G., J.R. Roy and E. Schrem, Hypermatrix solution of large sets of symmetric positive-definite linear equations 1 (1972) 197-216
140. Gabutti, B., P. Lepora and G. Merlo, Numerical solution of a large deflection problem 6 (1975) 31- 48
141. Gall, D.A., The solution of linear, constant-coefficient, ordinary differential equations with APL 1 (1972) 189-196
142. Gambin, W., A method of large finite elements 11 (1977) 351-365
143. Gambolati, G., Numerical models in land subsidence control 5 (1975) 227-237
144. Gartling, D.K. and E.B. Becker, Finite element analysis of viscous, incompressible fluid flow - Part 1. Basic methodology 8 (1976) 51- 60
145. Gartling, D.K. and E.B. Becker, Finite element analysis of viscous, incompressible fluid flow - Part 2. Applications 8 (1976) 127-138
146. Gartling, D.K., Convective heat transfer analysis by the finite element method 12 (1977) 365-382
147. Gehani, N., A new data structure - the grid 11 (1977) 295-308
148. Gekeler, E. and T.L. Johnsen, Galerkin-Obrechhoff methods and hyperbolic initial boundary value problems with damping 10 (1977) 359-370
149. Gellert, M. and M.E. Laursen, Formulation and convergence of a mixed finite element method applied to elastic arches of arbitrary geometry and loading 7 (1976) 285-302
150. Glowinski, R. and A. Marrocco, Analyse numérique du champ magnétique d'un alternateur par éléments finis et surrelaxation ponctuelle non linéaire 3 (1974) 55- 85
151. Glowinski, R. and A. Marrocco, Numerical solution of two-dimensional magnetostatic problems by augmented Lagrangian methods 12 (1977) 33- 46
152. Golub, G.H. and W.E. Langlois, Direct solution of the equation for the Stokes stream function 19 (1979) 391-399
153. Goudreau, G.L. and R.L. Taylor, Evaluation of numerical integration methods in elastodynamics 2 (1973) 69- 97
154. Gray, W.H. and N.M. Schnurr, A comparison of the finite element and finite difference methods for the analysis of steady two-dimensional heat conduction problems 6 (1975) 243-245
155. Greenspan, D. and D. Schultz, Natural convection in an enclosure with localized heating from below 3 (1974) 1- 10
156. Greenspan, D., An arithmetic particle theory of fluid dynamics 3 (1974) 293-303
157. Greenspan, D., A particle model of the Stefan problem 13 (1978) 95-104
158. Gregoire, J.P., J.C. Nedelec and J. Planchard, A method of finding the eigenvalues and eigenfunctions of self-adjoint elliptic operators 8 (1976) 201-214
159. Grierson, D.E., A. Franchi, O. De Donato and L. Corradi, Mathematical programming and nonlinear finite element analysis 17/18 (1979) 497-518
160. Griffiths, D.F. and J. Lorenz, An analysis of the Petrov-Galerkin finite element method 14 (1978) 39- 64
161. Grotkop, G., Finite element analysis of long-period water waves 2 (1973) 147-157
162. Gruver, W.A. and N.H. Engersbach, Optimal impulsive trajectory rendezvous by mathematical programming 11 (1977) 165-174
163. Guldenpfennig, J. and R.J. Clifton, On the computation of plastic stress-strain relations for polycrystalline metals 10 (1977) 141-149
164. Gupta, K.K., On a finite dynamic element method for free vibration analysis of structures 9 (1976) 105-120
165. Gupta, R.S., Moving grid method without interpolations 4 (1974) 143-152
166. Halpern, J., Travelling time on dense networks 10 (1977) 1- 11
167. Hanafy, A.A.R., Multi-search optimization techniques 8 (1976) 193-200
168. Haug, E.J. and J.S. Arora, Design sensitivity analysis of elastic mechanical systems 15 (1978) 35- 62
169. Hayhurst, D.R. and A.J. Krzeczowski, Numerical solution of creep problems 20 (1979) 151-171
170. Hess, J.L., Higher-order numerical solution of the integral equation for the two-dimensional Neumann problem 2 (1973) 1- 15
171. Hess, J.L., The problem of three-dimensional lifting potential flow and its solution by means of surface singularity distribution 4 (1974) 283-319
172. Hess, J.L., The use of higher-order surface singularity distributions to obtain improved potential flow solutions for two-dimensional lifting airfoils 5 (1975) 11- 35
173. Hess, J.L., Review of integral equation techniques for solving potential flow problems with emphasis on the surface-source method 5 (1975) 145-196

174. Hess, J.L., Improved solution for potential flow about arbitrary axisymmetric bodies by the use of a higher-order surface-source method 5 (1975) 297-308
175. Hibbitt, H.D., E.B. Becker and L.M. Taylor, Nonlinear analysis of some slender pipelines 17/18 (1979) 203-225
176. Hicks, D.L., The hydrocode convergence problem - Part 1 13 (1978) 79- 88
177. Hicks, D.L., The hydrocode convergence problem - Part 2 20 (1979) 303-316
178. Hirt, C.W., J.D. Ramshaw and L.R. Stein, Numerical simulation of three-dimensional flow past bluff bodies 14 (1978) 93-124
179. Hitchings, D. and P. Ward, The nonlinear steady-state response of cable networks 9 (1976) 191-201
180. Hodge, P.G. Jr., Automatic piecewise linearization in ideal plasticity 10 (1977) 249-272
181. Hogge, M., Integration operators for first-order linear matrix differential equations 11 (1977) 281-294
182. Holmes, A.G. and C.M.M. Ettles, A study of iterative solution techniques for elliptic partial differential equations with particular reference to the Reynolds equation 5 (1975) 309-328
183. Holt, M. and T.D. Taylor, High speed flow past a cone with large wall injection velocities 16 (1978) 281-289
184. Holz, K.-P., A high-order time integration scheme for open channel flow 8 (1976) 117-124
185. Hopkins, T.R. and R. Wait, A comparison of numerical methods for the solution of quasilinear partial differential equations 9 (1976) 181-190
186. Hopkins, T.R. and R. Wait, Some quadrature rules for Galerkin methods using *B*-spline basis functions 19 (1979) 401-416
187. Horrigmoe, G. and P.G. Bergan, Incremental variational principles and finite element models for nonlinear problems 7 (1976) 201-217
188. Horrigmoe, G. and P.G. Bergan, Nonlinear analysis of free-form shells by flat finite elements 16 (1978) 11- 35
189. Hughes, T.J.R., R.L. Taylor, J.L. Sackman, A. Curnier and W. Kanoknukulchai, A finite element method for a class of contact-impact problems 8 (1976) 249-276
190. Hughes, T.J.R., Unconditionally stable algorithms for nonlinear heat conduction 10 (1977) 135-139
191. Hughes, T.J.R., K.S. Pister and R.L. Taylor, Implicit-explicit finite elements in nonlinear transient analysis 17/18 (1979) 159-182
192. Hussaini, M.Y. and K.J. Devasia, An integral solution to a nonlinear diffusion problem 13 (1978) 119-123
193. Hutchins, G.J. and A.I. Soler, Extended validity of single-segment stepwise integration schemes for solution of two-point boundary value problems 1 (1972) 307-316
194. Iding, R.H., K.S. Pister and R.L. Taylor, Identification of nonlinear elastic solids by a finite element method 4 (1974) 121-142
195. Imshennik, V.S., O.V. Lokutsievskii, L.G. Khazin, M.D. Gabovich and A.P. Naida, Mathematical simulation and experimental analysis of nonlinear interaction of positive and negative ion beams 9 (1976) 1- 23
196. Jain, P.C. and D.N. Holla, General finite difference approximation for the wave equation with variable coefficients using a cubic spline technique 15 (1978) 175-180
197. Jain, P.C. and Labib Iskandar, Numerical solutions of the regularized long-wave equation 20 (1979) 195-201
198. James, R.M., On the remarkable accuracy of the vortex lattice method 1 (1972) 59- 79
199. James, R.M., The theory and design of two-airfoil lifting systems 10 (1977) 13- 43
200. James, R.M., A general analytical method for axisymmetric incompressible potential flow about bodies of revolution 12 (1977) 47- 67
201. Jirousek, J. and N. Leon, A powerful finite element for plate bending 12 (1977) 77- 96
202. Jirousek, J., Basis for development of large finite elements locally satisfying all field equations 14 (1978) 65- 92
203. Johnsen, T.L., Note on symmetric decomposition of some special symmetric matrices 1 (1972) 301-306
204. Johnsen, T.L., On the computation of natural modes of an unsupported vibrating structure by simultaneous iteration 2 (1973) 305-322
205. Johnsen, T.L. and J.R. Roy, On systems of linear equations of the form  $A^T A x = b$ ; error analysis and certain consequences for structural applications 3 (1974) 357-374
206. Johnson, C., A finite element method for consolidation of clay 16 (1978) 177-184
207. Kalev, I. and J. Gluck, Cyclic elastic-plastic dynamic analysis by the finite element method 19 (1979) 205-222
208. Kamdar, D.S. and D.E. Beskos, Numerical methods for elastic structural stability analysis 6 (1975) 355-362
209. Kaplan, B.Z., Economical digital simulation of parametric electromechanical devices 13 (1978) 281-291
210. Kaplan, B.Z., Use of complex variables for the solution of certain nonlinear systems 9 (1976) 267-272
211. Kaveh, A., Improved cycle bases for the flexibility analysis of structures 20 (1979) 39- 51
212. Kaveh, A., A combinatorial optimization problem; optimal generalized cycle bases 5 (1975) 339-352
213. Kelly, D.W., A dual formulation for generating information about constrained optima in automated design 12 (1977) 219-242
214. Kelly, D.W., A.J. Morris, P. Bartholomew and R.O. Stafford, A review of techniques for automated structural design



215. Kermanidis, T., Kupradze's functional equation for the torsion problem of prismatic bars – Part 1 7 (1976) 39–46
216. Kermanidis, T., Kupradze's functional equation for the torsion problem of prismatic bars – Part 2 7 (1976) 249–259
217. Keshavarzi, M., A modified integral equation applied to problems of elastostatics 16 (1978) 1–9
218. Key, S.W., A finite element procedure for the large deformation dynamic response of axisymmetric solids 4 (1974) 195–218
219. Key, S.W., R.D. Krieg and K.-J. Bathe, On the application of the finite element method to metal-forming processes – Part I 17/18 (1979) 597–608
220. Kiciman, Ö.K. and E.P. Popov, A general finite element model for shells of arbitrary geometry 13 (1978) 45–58
221. Kikuchi, F., On the validity of the finite element analysis of circular arches represented by an assemblage of beam elements 5 (1975) 253–276
222. Kłosowiak, T. and M. Machura, The use of minimization methods in the two-dimensional cross-spring hinge problem 12 (1977) 337–351
223. Knudson, W.C. and D. Nagy, Discrete data smoothing by spline interpolation with application to initial geometry of cable nets 4 (1974) 321–348
224. König, J.A. and G. Maier, Adaptation of rigid-work-hardening discrete structures subjected to load and temperature cycles and second-order geometric effects (Errata 12 (1977) 393) 8 (1976) 37–50
225. König, M., D. Nagy and P. Streiner, Buckling analysis with the ASKA program system 16 (1978) 185–212
226. König, M., The equivalent solid plate concept in the finite element analysis of tube bundle heat exchangers 20 (1979) 351–358
227. Kreskovsky, J.P., S.J. Shamroth and W.R. Briley, A numerical study of the unsteady leading edge separation bubble on an oscillating airfoil 11 (1977) 39–56
228. Kreskovsky, J.P. and S.J. Shamroth, An implicit marching method for the two-dimensional reduced Navier–Stokes equations at arbitrary Mach number 13 (1978) 307–334
229. Kunar, R.R. and A.S.L. Chan, A method for the configurational optimisation of structures 7 (1976) 331–350
230. Kung, W.-C. and K.H. Hohenemser, Eigenvalue analysis for coupled large linear damped structures 12 (1977) 69–75
231. Lachat, J.C. and J.O. Watson, Progress in the use of boundary integral equations, illustrated by examples 10 (1977) 273–289
232. Lahargue, J.P. and Soubbaramayer, A numerical model for the investigation of the flow and isotope concentration field in an ultracentrifuge 15 (1978) 259–273
233. Lamblin, D., C. Cinquini and G. Guerlement, Application of linear programming to the optimal plastic design of circular plates subject to technological constraints 13 (1978) 233–243
234. Langlois, W.E. and K.-J. Lee, Hydrodynamics of neurons 9 (1976) 219–242
235. Langlois, W.E. and C.C. Shir, Digital simulation of flow patterns in the Czochralski crystal-pulling process 12 (1977) 145–152
236. Langlois, W.E., Hydrodynamics of neurons: a postscript 12 (1977) 153
237. Langlois, W.E., Iterative solution of finite-width foil-bearing problems 14 (1978) 249–258
238. Larsen, P.K. and E.P. Popov, Large displacement analysis of viscoelastic shells of revolution 3 (1974) 237–253
239. Latinopoulos, P. and J. Ganoulis, Numerical simulation of oscillating flow through idealized sclerotic arteries 20 (1979) 279–290
240. Launder, B.E. and D.B. Spalding, The numerical computation of turbulent flows 3 (1974) 269–289
241. Laursen, M.E. and M. Gellert, Improved equilibrium finite elements 14 (1978) 125–135
242. Lee, E.H., R.L. Mallett, T.C.T. Ting and W.H. Yang, Dynamic analysis of structural deformation and metal forming 5 (1975) 69–82
243. Lee, E.H., R.L. Mallett and W.H. Yang, Stress and deformation analysis of the metal extrusion process 10 (1977) 339–353
244. Lehner, J.R. and S.C. Batterman, Static and dynamic finite deformations of cables using rate equations 2 (1973) 349–366
245. Leipholz, H.H.E., Variational principles for non-conservative problems, a foundation for a finite element approach 17/18 (1979) 609–617
246. Lemanska, M., T. Auerbach and J. Mennig, Exact solution of the  $P_1$  time-dependent equations 5 (1975) 329–338
247. Lenoir, M. and A. Jami, A variational formulation for exterior problems in linear hydrodynamics 16 (1978) 341–359
248. Leonard, B.P., A stable and accurate convective modelling procedure based on quadratic upstream interpolation 19 (1979) 59–98
249. Lesaint, P., On the convergence of Wilson's nonconforming element for solving the elastic problem 7 (1976) 1–16

250. Leventhal, S.H., Method of moments for singular problems 6 (1975) 79-100
251. Levin, D., N. Paramichael and A. Sideridis, On the use of conformal transformations for the numerical solution of harmonic boundary value problems 12 (1977) 201-218
252. Lewis, R.W., K. Morgan, H.R. Thomas and M. Strada, Drying-induced stresses in porous bodies - an elastoviscoplastic model 20 (1979) 291-301
253. Lindeman, A.J., G.K. Leaf and H.G. Kaper, A computational analysis and evaluation of the finite element method for a class of nuclear reactor configurations 4 (1974) 97-117
254. Liu, C.Y., W.R. Goodin and C.M. Lam, Numerical problems in the advection of pollutants 9 (1976) 281-299
255. Lomax, R.J., Preservation of the conservation properties of the finite element method under local mesh refinement 12 (1977) 309-314
256. Maier, G., F. Andreuzzi, F. Giannessi, L. Jurina and F. Taddei, Unilateral contact, elastoplasticity and complementarity with reference to offshore pipeline design 17/18 (1979) 469-495
257. Maier, G., S. Giacomini and F. Paterlini, Combined elastoplastic and limit analysis via restricted-basis linear programming 19 (1979) 21- 48
258. Malkus, D.S. and T.J.R. Hughes, Mixed finite element methods - reduced and selective integration techniques: a unification of concepts 15 (1978) 63- 81
259. Markatos, N.C.G., Heat, mass and momentum transfer across a wavy boundary 14 (1978) 323-376
260. Markatos, N.C.G., D.B. Spalding, D.G. Tatchell and N. Vlachos, A solution method for three-dimensional turbulent boundary layers on bodies of arbitrary shapes 15 (1978) 161-174
261. Marrocco, A. and O. Pironneau, Optimum design with Lagrangian finite elements: design of an electromagnet 15 (1978) 277-308
262. Masur, E.F., Optimal structural design for a discrete set of available structural members 3 (1974) 195-207
263. Masur, E.F., Some remarks on the optimal choice of finite element grids 14 (1978) 237-248
264. Matsuno, K., Evolution of nonlinear dissipative systems with application to a macro-economic organism 13 (1978) 27- 43
265. McKeown, J.J., A quasi-linear programming algorithm for optimising fibre-reinforced structures 6 (1975) 123-154
266. McKeown, J.J., Optimal composite structures by deflection-variable programming 12 (1977) 155-179
267. Meissner, U., An explicit-implicit water-level model for tidal computations of rivers 13 (1978) 221-232
268. Mešina, M., Convergence acceleration for the iterative solution of the equations  $\mathbf{X} = \mathbf{AX} + \mathbf{f}$  10 (1977) 165-173
269. Miner, E.W. and C.H. Lewis, Numerical studies of supersonic turbulent boundary layer flows with tangential slot injection 4 (1974) 19- 38
270. Moan, T., A note on the convergence of finite element approximations for problems formulated in curvilinear coordinate systems 3 (1974) 209-235
271. Modarress, D., Application of the method of integral relations to boundary layer flows over blunt bodies 14 (1978) 145-157
272. Morgan, K., T.G. Hughes and C. Taylor, The analysis of turbulent, free-shear, and channel flows by the finite element method 19 (1979) 117-125
273. Morris, A.J., On condensed geometric programming in structural optimisation 15 (1978) 139-148
274. Nagtegaal, J.C., A new approach to optimal design of elastic structures 2 (1973) 255-264
275. Nagtegaal, J.C., D.M. Parks and J.R. Rice, On numerically accurate finite element solutions in the fully plastic range 4 (1974) 153-177
276. Nagy, D. and M. König, Geometrically nonlinear finite element behaviour using buckling mode superposition 19 (1979) 447-484
277. Napolitano, L.G. and V. Losito, The closed spline functions 13 (1978) 335-350
278. Narayana Dutt, D. and B.S. Ramakrishna, Nonlinear programming solutions for controlling the vibration pattern of stretched strings 13 (1978) 351-361
279. Nedelec, J.C., Curved finite element methods for the solution of singular integral equations on surfaces in  $R^3$  8 (1976) 61- 80
280. Needleman, A. and C.F. Shih, A finite element method for plane strain deformations of incompressible solids 15 (1978) 223-240
281. Nemat-Nasser, S. and K.N. Lee, Application of general variational methods with discontinuous fields to bending, buckling, and vibration of beams 2 (1973) 33- 41
282. Ng, S.S. and M.Y.T. Chan, Solution of some boundary value problems in applied mechanics by the collocation least squares method 11 (1977) 137-150
283. Nguyen Dang Hung, Direct limit analysis via rigid-plastic finite elements 8 (1976) 81-116
284. Nguyen Dang Hung and J.A. König, A finite element formulation for shakedown problems using a yield criterion of the mean 8 (1976) 179-192
285. Nguyen Hung, Numerical analysis of unsteady compressible laminar boundary layer flow 19 (1979) 187-204



286. Nickell, R.E., Nonlinear dynamics by mode superposition 7 (1976) 107-129
287. Nickell, R.E., D.K. Gartling and G. Strang, Spectral decomposition in advection-diffusion analysis by finite element methods 17/18 (1979) 561-580
288. Niethammer, W. and U. Schweitzer, On the numerical analytic continuation of power series with application to the two-body and three-body problems 5 (1975) 239-249
289. Nilson, R.H. and Y.G. Tsuei, Free boundary problem of ECM by alternating-field technique on inverted plane 6 (1975) 265-282
290. Noor, A.K. and P.L. Rarig, Three-dimensional solutions of laminated cylinders 3 (1974) 319-334
291. Noor, A.K. and C.M. Andersen, Mixed isoparametric elements for Saint-Venant torsion 6 (1975) 195-218
292. Noor, A.K. and R.A. Camin, Symmetry considerations for anisotropic shells 9 (1976) 317-335
293. Noor, A.K. and C.M. Andersen, Mixed isoparametric finite element models of laminated composite shells 11 (1977) 255-280
294. Noor, A.K., W.H. Greene and S.J. Hartley, Nonlinear finite element analysis of curved beams 12 (1979) 289-307
295. Noor, A.K. and C.M. Andersen, Analysis of beam-like lattice trusses 20 (1979) 53-70
296. Oden, J.T., Recent developments in the theory of finite element approximations of boundary value problems in nonlinear elasticity 17/18 (1979) 183-202
297. O'Leary, D.P. and W.H. Yang, Elastoplastic torsion by quadratic programming 16 (1978) 361-368
298. Osyczka, A., An approach to multicriterion optimization problems for engineering design 15 (1978) 309-333
299. Pandolfini, P.P. and R.H. Page, Resonance in a piston-driven cavity 3 (1974) 29-36
300. Pao, Y.C. and M.N. Maheshwari, Evaluation of elastic moduli of composite materials by linear programming 3 (1974) 305-318
301. Papamichael, N. and G.T. Symm, Numerical techniques for two-dimensional Laplacian problems 6 (1975) 175-194
302. Parisch, H., Geometrical nonlinear analysis of shells 14 (1978) 159-178
303. Parisch, H., A critical survey of the 9-node degenerated shell element with special emphasis on thin-shell application and reduced integration 20 (1979) 323-350
304. Parks, D.M., The virtual crack extension method for nonlinear material behavior 12 (1977) 353-364
305. Patankar, S.V., D. Rafinejad and D.B. Spalding, Calculation of the three-dimensional boundary layer with solution of all three momentum equations 6 (1975) 283-292
306. Patnaik, S.N., Synthesis of waffle plates in the post-buckled domain 4 (1974) 47-68
307. Patnaik, S.N. and M. Maiti, Optimum design of stiffened structures with constraint on the frequency in the presence of initial stresses 7 (1976) 303-322
308. Patnaik, S.N. and N.K. Srivastava, On automated optimum design of trusses 9 (1976) 245-265
309. Patnaik, S.N. and S. Yadagiri, Design for frequency by the integrated force method 16 (1978) 213-230
310. Paumier, J.C., Stable solutions to a shell problem 20 (1979) 91-103
311. Peano, A.G., B.A. Szabo and A.K. Mehta, Self-adaptive finite elements in fracture mechanics 16 (1978) 69-80
312. Pierson, B.L. and L.J. Genalo, Minimum weight design of a rectangular panel subject to a flutter speed constraint 10 (1977) 45-62
313. Polizzotto, C., C. Mazzarella and T. Panzeca, Optimum design for work-hardening adaptation 12 (1977) 129-144
314. Polizzotto, C., A formulation of the force method in the range of large displacements 16 (1978) 121-134
315. Pollard, A. and D.B. Spalding, The prediction of the three-dimensional turbulent flow field in a flow-splitting Tee-junction 13 (1978) 293-306
316. Pollard, A. and A. Thyagaraja, A new method for handling flow problems with body forces 19 (1979) 107-116
317. Porsching, T.A. and V.J. Esposito, Comment on: A finite difference scheme for the incompressible advection-diffusion equation (by D.G. Briggs 6 (1975) 233-241) 8 (1976) 357-358
318. Prager, W., A note of discretized Michell structures 3 (1974) 349-355
319. Prager, W., A note on the optimal choice of finite element grids 6 (1975) 363-366
320. Raggett, G.F., J.A.R. Stone and P.D. Wilson, On the use of cubic splines to solve certain circular plate problems 4 (1974) 39-45
321. Raggett, G.F., J.A.R. Stone and S.J. Wisner, The cubic spline solution of practical problems modelled by hyperbolic partial differential equations 8 (1976) 139-151
322. Raggett, G.F., An efficient gradient technique for the solution of optimal control problems 12 (1977) 315-322
323. Raithby, G.D., A critical evaluation of upstream differencing applied to problems involving fluid flow 9 (1976) 75-103
324. Raithby, G.D., Skew upstream differencing schemes for problems involving fluid flow 9 (1976) 153-164
325. Rajagopalan, K., Comment on: A note on the optimal choice of finite element grids (by W. Prager 6 (1975) 363-366) 8 (1976) 361-362

326. Rajagopalan, K., Optimization of prestressed concrete solid and voided slabs 20 (1979) 71- 89
327. Raju, P.C. and G. Venkateswara Rao, Post-buckling analysis of tapered cantilever columns 15 (1978) 201-206
328. Ranaweera, M.P. and F.A. Leckie, The use of optimization techniques in the analysis of cracked members by the finite element displacement and stress methods 19 (1979) 367-389
329. Ranganath, S. and R.J. Clifton, A second-order accurate difference method for systems of hyperbolic partial differential equations 1 (1972) 173-188
330. Rao, K.P., A rectangular laminated anisotropic shallow thin-shell finite element 15 (1978) 13- 33
331. Ray, D., K.S. Pister and E. Polak, Sensitivity analysis for hysteretic dynamic systems: theory and applications 14 (1978) 179-208
332. Reddy, J.N., Finite element analysis of the initial stages of hypervelocity impact 9 (1976) 47- 63
333. Reiser, M., Large-scale numerical simulation in semiconductor device modelling 1 (1972) 17- 38
334. Reiser, M., On the stability of finite difference schemes in transient semiconductor problems 2 (1973) 65- 68
335. Reissner, E., Note on the effect of transverse shear deformation in laminated anisotropic plates 20 (1979) 203-209
336. Rice, J.R., R.M. McMeeking, D.M. Parks and E.P. Sorensen, Recent finite element studies in plasticity and fracture mechanics 17/18 (1979) 411-442
337. Robinson, J., Basis for isoparametric stress elements 2 (1973) 43- 63
338. Robinson, J., A single element test 7 (1976) 191-200
339. Robinson, J., A warped quadrilateral strain membrane element 7 (1976) 359-367
340. Robinson, J., Stress elements with holes 11 (1977) 309-318
341. Rosanoff, R.A. and H. Webel, On the convergence rate of iterative methods for the solution of positive definite linear equations 7 (1976) 369-375
342. Roussel, P., Numerical solution of static and dynamic equations of cables 9 (1976) 65- 74
343. Rozvany, G.I.N., Optimal load transmission by flexure 1 (1972) 253-263
344. Rozvany, G.I.N. and R.D. Hill, Optimal plastic design: superposition principles and bounds on the minimum cost 13 (1978) 151-173
345. Rozvany, G.I.N., Optimal beam layouts: allowance for cost of shear 19 (1979) 49- 58
346. Rozvany, G.I.N. and W. Prager, A new class of structural optimization problems: optimal archgrids 19 (1979) 127-150
347. Ryaben'kii, V.S., Local splines 5 (1975) 211-225
348. Saito, Y. and K. Miyazawa, Digital simulation of polyphase induction motors 6 (1975) 249-264
349. Saito, Y., Numerical method for space-harmonic waves in polyphase induction motors 8 (1976) 335-348
350. Saito, Y., Numerical methods for polyphase induction motors 11 (1977) 151-164
351. Saito, Y., Method of magnetic circuits for nonlinear magnetostatic fields in polyphase induction motors at no-load 13 (1978) 105-118
352. Saito, Y., Three-dimensional analysis of nonlinear magnetostatic fields in a saturable reactor 16 (1978) 101-115
353. Salama, M. and S. Utku, Stress computation in displacement methods for two-material elastic media 10 (1977) 325-338
354. Sander, G., M. Geradin, C. Nyssen and M. Hogge, Accuracy versus computational efficiency in nonlinear dynamics 17/18 (1979) 315-340
355. Sandhu, R.S. and U. Salaam, Variational formulation of linear problems with nonhomogeneous boundary conditions and internal discontinuities 7 (1976) 75- 91
356. Sandhu, R.S. and K.J. Singh, Reduced integration for improved accuracy of finite element approximations 14 (1978) 23- 37
357. Schäfer, H., A contribution to the solution of contact problems with the aid of bond elements 6 (1975) 335-353
358. Schek, H.-J., The force density method for form finding and computation of general networks 3 (1974) 115-134
359. Schwarz, H.R., Eigenfrequencies of tuning-forks 1 (1972) 159-172
360. Schwarz, H.R., Stability of Kepler motion 1 (1972) 279-299
361. Schwarz, H.R., The eigenvalue problem  $(A - \lambda B)x = o$  for symmetric matrices of high order 3 (1974) 11- 28
362. Schwarz, H.R., Two algorithms for treating  $Ax = \lambda Bx$  12 (1977) 181-199
363. Segal, A., On the numerical solution of the Stokes equations using the finite element method 19 (1979) 165-185
364. Sheela, B.V. and P. Ramamoorthy, SWIFT - A new constrained optimization technique 6 (1975) 309-317
365. Sheela, B.V., An optimized step-size random search (OSSRS) 19 (1979) 99-106
366. Shore, S., J.L. Wilson and G.A. Semsarzadeh, Interactive techniques with graphical output for bridge analyses 5 (1975) 197-209
367. Siekmann, J. and K. Dittrich, Computer study of bubble motion in a rotating liquid 10 (1977) 291-301
368. Singh, K.P. and B. Paul, A method for solving ill-posed integral equations of the first kind 2 (1973) 339-348
369. Sjøntoft, E., The determination of optimum accelerating factors for successive overrelaxation on an equidistant and non-equidistant rectangular net 19 (1979) 223-234



370. Sorensen, E.P., A numerically expedient scheme for elastic-plastic calculations in incremental finite element analysis 13 (1978) 89-93
371. Srinivasan, R.S. and S.V. Ramachandran, Large deflection of clamped skew plates 7 (1976) 219-233
372. Stavrinidis, C.P., Elimination of singularities in harmonic elements 10 (1977) 355-357
373. Stavrinidis, C.P., A procedure for coupling dynamical equations 20 (1979) 1-7
374. Steger, J.L., Coefficient matrices for implicit finite difference solution of the inviscid fluid conservation law equations 13 (1978) 175-188
375. Stein, E. and R. Ahmad, On the stress computation in finite element models based upon displacement approximations 4 (1974) 81-96
376. Stein, E. and R. Ahmad, An equilibrium method for stress calculation using finite element displacement models 10 (1977) 175-198
377. Stein, L.R., R.A. Gentry and C.W. Hirt, Computational simulation of transient blast loading on three-dimensional structures 11 (1977) 57-74
378. Stetson, K.A., I.R. Harrison and G.E. Palma, Redesigning structural vibration modes by inverse perturbation subject to minimal change theory 16 (1978) 151-175
379. Sutcliffe, W.J. and J. Mistry, Shell segmentation requirements for numerical integration solutions 7 (1976) 179-190
380. Svec, O.J. and G.M. McNeice, Finite element analysis of finite-sized plates bonded to an elastic half-space 1 (1972) 265-277
381. Svec, O.J., The unbonded contact problem of a plate on the elastic half-space 3 (1974) 105-113
382. Swannell, P. and C.H. Tranberg, Procedures for the forced, damped vibration analysis of structural frames using distributed parameter models 16 (1978) 291-302
383. Szelag, D. and Z. Mróz, Optimal design of vibrating beams with unspecified support reactions 19 (1979) 333-349
384. Tang, J.W. and D.J. Turcke, Characteristics of optimal grids 11 (1977) 31-37
385. Tanner, R.I., R.E. Nickell and R.W. Bilger, Finite element methods for the solution of some incompressible non-Newtonian fluid mechanics problems with free surfaces 6 (1975) 155-174
386. Taylor, C. and A.Z. Ijam, A finite element numerical solution of natural convection in enclosed cavities 19 (1979) 429-446
387. Thierauf, G., A method for optimal limit design of structures with alternative loads 16 (1978) 135-149
388. Thomas, G., Boundedness and definiteness qualities of a functional equation for nonconforming trial functions 15 (1978) 335-351
389. Varma, A., C. Georgakis, N.R. Amundson and R. Aris, Computational methods for the tubular chemical reactor 8 (1976) 319-330
390. Vitiello, E. and K.S. Pister, Optimal earthquake-resistant design: a reliability-based, global cost approach 8 (1976) 277-299
391. Vold, H., Substructure analysis with linear constraints using the natural factor formulation 10 (1977) 151-163
392. Voskresensky, G.P., Numerical solution of the problem of unsteady supersonic flow around the front part of the wings with a detached shock wave 19 (1979) 257-275
393. Wait, R., Finite element methods for elliptic problems with singularities 13 (1978) 141-150
394. Warzee, G., Finite element analysis of transient heat conduction application of the weighted residual process 3 (1974) 255-268
395. Watson, L. and W.H. Yang, Some numerical methods for limit analysis in continuum mechanics 15 (1978) 353-364
396. Weare, T.J., Finite element or finite difference methods for the two-dimensional shallow water equations? 7 (1976) 351-357
397. Wellford, Jr., L.C. and J.T. Oden, A note on the accuracy and convergence of finite element approximations of the convection equation 5 (1975) 83-96
398. Wellford, Jr., L.C. and J.T. Oden, A theory of discontinuous finite element Galerkin approximations of shock waves in nonlinear elastic solids 8 (1976) 1-36
399. Wellford, Jr., L.C. and S.M. Hamdan, An analysis of an implicit finite element algorithm for geometrically nonlinear problems of structural dynamics 14 (1978) 377-399
400. van der Werff, K., Dynamic analysis of planar mechanisms with rigid links 11 (1977) 1-18
401. Wilhelmy, V., On the element stiffness factor formulation 11 (1977) 75-95
402. Withum, D., K.-P. Holz and U. Meissner, Finite element formulations for tidal wave analysis 17/18 (1979) 699-716
403. Wolberg, J.R. and J. Isenberg, A nonlinear least squares search algorithm 5 (1975) 1-9
404. Woodford, G., The equation of the curved edge for isoparametric cubic finite elements 16 (1978) 81-89
405. Yanenko, N.N., V.M. Kovenya, V.D. Lisejkin, V.M. Fomin and E.V. Vorozhtsov, On some methods for the numerical simulation of flows with complex structure 17/18 (1979) 659-671
406. Yang, W.H., A method for updating Cholesky factorization of a band matrix 12 (1977) 281-288

407. Yang, W.H., On a class of optimization problems for framed structures 15 (1978) 85- 97  
 408. Yang, W.H., A practical method for limit torsion problems 19 (1979) 151-158  
 409. Young, R.C. and C.D. Mote, Jr., Solution of mixed boundary value problems with local error bound by the finite element method 2 (1973) 159-183  
 410. Zienkiewicz, O.C. and J.C. Heinrich, A unified treatment of steady-state shallow-water and two-dimensional Navier-Stokes equations - finite element penalty function approach 17/18 (1979) 673-698

## CO-AUTHORS

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|---|-------------|--------|---------------------------------------|-------------|--------|
| Ahmad, R., <i>see</i> Stein             | vol. 4,     | p. 81  | De Donato, O., <i>see</i> Grierson    | vol. 17/18, | p. 497 |
| Ahmad, R., <i>see</i> Stein             | vol. 10,    | p. 175 | de Koning, <i>see</i> Koning          |             |        |
| Amundson, N.R., <i>see</i> Varma        | vol. 8,     | p. 319 | Destuynder, P., <i>see</i> Ciarlet    | vol. 17/18, | p. 227 |
| Andersen, C.M., <i>see</i> Noor         | vol. 6,     | p. 195 | Devasia, K.J., <i>see</i> Hussaini    | vol. 13,    | p. 119 |
| Andersen, C.M., <i>see</i> Noor         | vol. 11,    | p. 255 | Dittrich, K., <i>see</i> Siekmann     | vol. 10,    | p. 291 |
| Andersen, C.M., <i>see</i> Noor         | vol. 20,    | p. 53  | Doltsinis, J.S., <i>see</i> Balmer    | vol. 3,     | p. 87  |
| Andreuzzi, F., <i>see</i> Maier         | vol. 17/18, | p. 469 | Doltsinis, J.S., <i>see</i> Balmer    | vol. 13,    | p. 363 |
| Angelopoulos, T., <i>see</i> Argyris    | vol. 2,     | p. 203 | Doltsinis, J.S., <i>see</i> Argyris   | vol. 14,    | p. 259 |
| Angelopoulos, T., <i>see</i> Argyris    | vol. 3,     | p. 135 | Doltsinis, J.S., <i>see</i> Argyris   | vol. 17/18, | p. 1   |
| Angelopoulos, T., <i>see</i> Argyris    | vol. 4,     | p. 219 | Doltsinis, J.S., <i>see</i> Argyris   | vol. 17/18, | p. 341 |
| Aris, R., <i>see</i> Varma              | vol. 8,     | p. 319 | Doltsinis, J.S., <i>see</i> Argyris   | vol. 20,    | p. 213 |
| Arora, J.S., <i>see</i> Haug            | vol. 15,    | p. 35  | Donato, <i>see</i> De Donato          |             |        |
| Auerbach, T., <i>see</i> Lemanska       | vol. 5,     | p. 329 | Dunne, P.C., <i>see</i> Argyris       | vol. 2,     | p. 203 |
|   |             |        | Dunne, P.C., <i>see</i> Argyris       | vol. 4,     | p. 219 |
| Balmer, H., <i>see</i> Argyris          | vol. 17/18, | p. 1   | Dunne, P.C., <i>see</i> Argyris       | vol. 10,    | p. 105 |
| Bard, J., <i>see</i> Cebeci             | vol. 2,     | p. 323 | Dunne, P.C., <i>see</i> Argyris       | vol. 10,    | p. 371 |
| Bartholomew, P., <i>see</i> Kelly       | vol. 12,    | p. 219 | Dunne, P.C., <i>see</i> Argyris       | vol. 11,    | p. 97  |
| Bathe, K.-J., <i>see</i> Key            | vol. 17/18, | p. 597 | Dunne, P.C., <i>see</i> Argyris       | vol. 13,    | p. 245 |
| Batterman, S.C., <i>see</i> Lehner      | vol. 2,     | p. 349 | Dunne, P.C., <i>see</i> Argyris       | vol. 14,    | p. 401 |
| Beauchamp, C., <i>see</i> Arminjon      | vol. 19,    | p. 351 | Dunne, P.C., <i>see</i> Argyris       | vol. 15,    | p. 99  |
| Becker, E.B., <i>see</i> Biffle         | vol. 6,     | p. 101 | Dunne, P.C., <i>see</i> Argyris       | vol. 15,    | p. 389 |
| Becker, E.B., <i>see</i> Gartling       | vol. 8,     | p. 51  | Dunne, P.C., <i>see</i> Argyris       | vol. 16,    | p. 369 |
| Becker, E.B., <i>see</i> Gartling       | vol. 8,     | p. 127 | Dunne, P.C., <i>see</i> Argyris       | vol. 17/18, | p. 1   |
| Becker, E.B., <i>see</i> Hibbitt        | vol. 17/18, | p. 203 | Dutt, <i>see</i> Narayana             |             |        |
| Benveniste, Y., <i>see</i> Aboudi       | vol. 6,     | p. 319 |                                       |             |        |
| Bergan, P.G., <i>see</i> Horrigmoe      | vol. 7,     | p. 201 | Engersbach, N.H., <i>see</i> Gruver   | vol. 11,    | p. 165 |
| Bergan, P.G., <i>see</i> Horrigmoe      | vol. 16,    | p. 11  | Ernst, L.J., <i>see</i> Besseling     | vol. 17/18, | p. 131 |
| Beskos, D.E., <i>see</i> Kamdar         | vol. 19,    | p. 205 | Eskin, G., <i>see</i> Bogomolnii      | vol. 15,    | p. 149 |
| Bichat, B., <i>see</i> Argyris          | vol. 3,     | p. 135 | Esposito, V.J., <i>see</i> Porsching  | vol. 8,     | p. 357 |
| Bichat, B., <i>see</i> Argyris          | vol. 4,     | p. 219 | Ettles, C.M.M., <i>see</i> Holmes     | vol. 5,     | p. 309 |
| Bilger, R.W., <i>see</i> Tanner         | vol. 6,     | p. 155 | Faust, G., <i>see</i> Argyris         | vol. 8,     | p. 215 |
| Briley, W.R., <i>see</i> Kreskovsky     | vol. 11,    | p. 39  | Ferrari, J.O., <i>see</i> Cohen       | vol. 5,     | p. 53  |
| Brønlund, O.E., <i>see</i> Argyris      | vol. 5,     | p. 97  | Fomin, V.N., <i>see</i> Yanenko       | vol. 17/18, | p. 659 |
|   |             |        | Franchi, A., <i>see</i> De Donato     | vol. 2,     | p. 107 |
| Camin, R.A., <i>see</i> Noor            | vol. 9,     | p. 317 | Franchi, A., <i>see</i> Grierson      | vol. 17/18, | p. 497 |
| Capurso, M., <i>see</i> Cannarozzi      | vol. 16,    | p. 47  | Frémond, M., <i>see</i> Bossarit      | vol. 8,     | p. 153 |
| Chan, A.S.L., <i>see</i> Kunar          | vol. 7,     | p. 331 |                                       |             |        |
| Chan, M.Y.T., <i>see</i> Ng             | vol. 11,    | p. 137 | Gabovich, M.D., <i>see</i> Imshennik  | vol. 9,     | p. 1   |
| Cinquini, C., <i>see</i> Lamblin        | vol. 13,    | p. 233 | Gandillon, J.-P., <i>see</i> Auerbach | vol. 2,     | p. 123 |
| Cinquini, C., <i>see</i> Cantù          | vol. 20,    | p. 257 | Ganoulis, J., <i>see</i> Latinopoulos | vol. 20,    | p. 279 |
| Clifton, R.J., <i>see</i> Ranganath     | vol. 1,     | p. 173 | Gartling, D.K., <i>see</i> Nickell    | vol. 17/18, | p. 561 |
| Clifton, R.J., <i>see</i> Guldenpfennig | vol. 10,    | p. 141 | Gellert, M., <i>see</i> Laursen       | vol. 14,    | p. 125 |
| Corradi, L., <i>see</i> Grierson        | vol. 17/18, | p. 497 | Genalo, L.J., <i>see</i> Pierson      | vol. 10,    | p. 45  |
| Curnier, A., <i>see</i> Hughes          | vol. 8,     | p. 249 | Gentry, R.A., <i>see</i> Stein        | vol. 11,    | p. 57  |
| Curr, R.M., <i>see</i> Caretto          | vol. 1,     | p. 39  | Georgakis, C., <i>see</i> Varma       | vol. 8,     | p. 319 |



- |  |             |        |   |             |        |
|--|-------------|--------|---|-------------|--------|
| Geradin, M., <i>see</i> Sander         | vol. 17/18, | p. 315 | Kleiber, M., <i>see</i> Argyris           | vol. 17/18, | p. 1   |
| Giacomini, S., <i>see</i> Maier        | vol. 19,    | p. 21  | Kleiber, M., <i>see</i> Boni              | vol. 19,    | p. 1   |
| Giannessi, F., <i>see</i> Maier        | vol. 17/18, | p. 469 | Knudson, W.C., <i>see</i> Argyris         | vol. 17/18, | p. 341 |
| Glowinski, R., <i>see</i> Ciarlet      | vol. 5,     | p. 277 | König, J.A., <i>see</i> Nguyen            | vol. 8,     | p. 179 |
| Glowinski, R., <i>see</i> Bristeau     | vol. 17/18, | p. 619 | König, M., <i>see</i> Balmer              | vol. 3,     | p. 87  |
| Gluck, J., <i>see</i> Kalev            | vol. 10,    | p. 63  | König, M., <i>see</i> Nagy                | vol. 19,    | p. 447 |
| Goldberg, M., <i>see</i> Abarbanel     | vol. 8,     | p. 331 | de Koning, A.U., <i>see</i> Besseling     | vol. 17/18, | p. 131 |
| Goodin, W.R., <i>see</i> Liu           | vol. 9,     | p. 281 | Koshy, K., <i>see</i> Batra               | vol. 19,    | p. 313 |
| Greene, W.H., <i>see</i> Noor          | vol. 12,    | p. 289 | Kovenya, V.M., <i>see</i> Yanenko         | vol. 17/18, | p. 659 |
| Guerlement, G., <i>see</i> Cinquini    | vol. 11,    | p. 19  | Kreiss, H.-O., <i>see</i> Engquist        | vol. 17/18, | p. 581 |
| Guerlement, G., <i>see</i> Lamblin     | vol. 13,    | p. 233 | Krieg, R.D., <i>see</i> Key               | vol. 18,    | p. 597 |
| Guerri, L., <i>see</i> Comincioli      | vol. 7,     | p. 153 | Krzczkowski, A.J., <i>see</i> Hayhurst    | vol. 20,    | p. 151 |
| Gustafsson, I., <i>see</i> Axelsson    | vol. 15,    | p. 241 |   |             |        |
| Gustafsson, I., <i>see</i> Axelsson    | vol. 20,    | p. 9   | Labib Iskandar, <i>see</i> Jain           | vol. 20,    | p. 195 |
|  |             |        | Lam, C.M., <i>see</i> Liu                 | vol. 9,     | p. 281 |
| Haase, M., <i>see</i> Argyris          | vol. 16,    | p. 369 | Lamblin, D., <i>see</i> Cinquini          | vol. 11,    | p. 19  |
| Haase, M., <i>see</i> Argyris          | vol. 17/18, | p. 1   | Langlois, W.E., <i>see</i> Golub          | vol. 19,    | p. 391 |
| Hälg, W., <i>see</i> Auerbach          | vol. 2,     | p. 133 | Laudiero, F., <i>see</i> Cannarozzi       | vol. 16,    | p. 47  |
| Hamdan, S.M., <i>see</i> Wellford      | vol. 14,    | p. 377 | Laursen, M.E., <i>see</i> Gellert         | vol. 7,     | p. 285 |
| Harrison, I.R., <i>see</i> Stetson     | vol. 16,    | p. 151 | Leaf, G.K., <i>see</i> Lindeman           | vol. 4,     | p. 97  |
| Hartley, S.J., <i>see</i> Noor         | vol. 12,    | p. 289 | Leckie, F.A., <i>see</i> Ranaweera        | vol. 19,    | p. 367 |
| Heinrich, J.C., <i>see</i> Zienkiewicz | vol. 17/18, | p. 673 | Lee, J.K., <i>see</i> Babuška             | vol. 11,    | p. 175 |
| Hill, R.D., <i>see</i> Rozvany         | vol. 13,    | p. 151 | Lee, J.K., <i>see</i> Babuška             | vol. 14,    | p. 1   |
| Hilpert, O., <i>see</i> Argyris        | vol. 20,    | p. 105 | Lee, K.-J., <i>see</i> Langlois           | vol. 9,     | p. 219 |
| Hirt, C.W., <i>see</i> Stein           | vol. 11,    | p. 57  | Lee, K.N., <i>see</i> Nemat-Nasser        | vol. 2,     | p. 33  |
| Hogge, M., <i>see</i> Sander           | vol. 17/18, | p. 315 | Leon, N., <i>see</i> Jirousek             | vol. 12,    | p. 77  |
| Hohenemser, K.H., <i>see</i> Kung      | vol. 12,    | p. 69  | Lepora, P., <i>see</i> Gabutti            | vol. 6,     | p. 31  |
| Holand, I., <i>see</i> Bergan          | vol. 17/18, | p. 443 | Lewis, C.H., <i>see</i> Miner             | vol. 4,     | p. 19  |
| Holla, D.N., <i>see</i> Jain           | vol. 15,    | p. 175 | Lipinski, J., <i>see</i> Dems             | vol. 6,     | p. 49  |
| Holz, K.-P., <i>see</i> Withum         | vol. 17/18, | p. 699 | Lisejkin, V.D., <i>see</i> Yanenko        | vol. 17/18, | p. 659 |
| Hughes, T.G., <i>see</i> Morgan        | vol. 19,    | p. 117 | Lochner, N., <i>see</i> Argyris           | vol. 1,     | p. 317 |
| Hughes, T.J.R., <i>see</i> Malkus      | vol. 15,    | p. 63  | Lokutsievskii, O.V., <i>see</i> Imshennik | vol. 9,     | p. 1   |
| Hung, <i>see</i> Nguyen                |             |        | Lorenz, J., <i>see</i> Griffiths          | vol. 14,    | p. 39  |
| Hutchinson, C.E., <i>see</i> Chon      | vol. 9,     | p. 139 | Losito, V., <i>see</i> Napolitano         | vol. 13,    | p. 335 |
|  |             |        | Lunde, <i>see</i> Johnsen                 |             |        |
| Ijam, A.Z., <i>see</i> Taylor          | vol. 19,    | p. 429 |   |             |        |
| Isaacs, L.T., <i>see</i> Apelt         | vol. 12,    | p. 383 | Machura, M., <i>see</i> Kłosowiak         | vol. 12,    | p. 337 |
| Isenberg, J., <i>see</i> Wolberg       | vol. 5,     | p. 1   | Maheshwari, M.N., <i>see</i> Pao          | vol. 3,     | p. 305 |
| Iskandar, <i>see</i> Labib             |             |        | Maier, G., <i>see</i> Contro              | vol. 5,     | p. 127 |
|  |             |        | Maier, G., <i>see</i> König               | vol. 8,     | p. 37  |
| Jami, A., <i>see</i> Lenoir            | vol. 16,    | p. 341 | Maiti, M., <i>see</i> Patnaik             | vol. 7,     | p. 303 |
| Johnsen, T.L., <i>see</i> Brønlund     | vol. 3,     | p. 153 | Malejannakis, G.A., <i>see</i> Argyris    | vol. 10,    | p. 371 |
| Johnsen, T.L., <i>see</i> Braun        | vol. 4,     | p. 1   | Malejannakis, G.A., <i>see</i> Argyris    | vol. 11,    | p. 97  |
| Johnsen, T.L., <i>see</i> Frik         | vol. 6,     | p. 65  | Malejannakis, G.A., <i>see</i> Argyris    | vol. 15,    | p. 99  |
| Johnsen, T.L., <i>see</i> Argyris      | vol. 7,     | p. 261 | Majejannakis, G.A., <i>see</i> Argyris    | vol. 17/18, | p. 1   |
| Johnsen, T.L., <i>see</i> Argyris      | vol. 10,    | p. 105 | Malejannakis, G.A., <i>see</i> Argyris    | vol. 20,    | p. 105 |
| Johnsen, T.L., <i>see</i> Gekeler      | vol. 10,    | p. 359 | Mallett, R.L., <i>see</i> Lee             | vol. 5,     | p. 69  |
| Johnsen, T.L., <i>see</i> Argyris      | vol. 15,    | p. 365 | Mallett, R.L., <i>see</i> Lee             | vol. 10,    | p. 339 |
| Johnsen, T.L., <i>see</i> Argyris      | vol. 19,    | p. 277 | Mantegazza, P., <i>see</i> Borri          | vol. 12,    | p. 19  |
| Jurina, L., <i>see</i> Maier           | vol. 17/18, | p. 469 | Marrocco, A., <i>see</i> Glowinski        | vol. 3,     | p. 55  |
|  |             |        | Marrocco, A., <i>see</i> Glowinski        | vol. 12,    | p. 33  |
| Kanoknukulcahi, W., <i>see</i> Hughes  | vol. 8,     | p. 249 | Mazzarella, C., <i>see</i> Polizzotto     | vol. 12,    | p. 129 |
| Kaper, H.G., <i>see</i> Lindeman       | vol. 4,     | p. 97  | McMeeking, R.M., <i>see</i> Rice          | vol. 17/18, | p. 411 |
| Karasalo, I., <i>see</i> Concus        | vol. 16,    | p. 327 | McNeice, G.M., <i>see</i> Svec            | vol. 1,     | p. 265 |
| Key, S.W., <i>see</i> Biffle           | vol. 12,    | p. 323 | Mehta, A.K., <i>see</i> Peano             | vol. 16,    | p. 69  |
| Khazin, L.G., <i>see</i> Imshennik     | vol. 9,     | p. 1   | Meissner, U., <i>see</i> Withum           | vol. 17/18, | p. 699 |
| Kleiber, M., <i>see</i> Argyris        | vol. 11,    | p. 215 | Mennig, J., <i>see</i> Auerbach           | vol. 2,     | p. 133 |
| Kleiber, M., <i>see</i> Argyris        | vol. 14,    | p. 259 | Mennig, J., <i>see</i> Lemanska           | vol. 5,     | p. 329 |

- |                                     |             |        |   |             |        |
|-------------------------------------|-------------|--------|---|-------------|--------|
| Merlo, G., <i>see</i> Gubutti       | vol. 6,     | p. 31  | Rafinejad, D., <i>see</i> Patankar        | vol. 6,     | p. 283 |
| Metzler, J.A., <i>see</i> Fried     | vol. 15,    | p. 83  | Ramachandran, S.V., <i>see</i> Srinivasan | vol. 7,     | p. 219 |
| Mistry, J., <i>see</i> Sutcliffe    | vol. 7,     | p. 179 | Ramakrishna, B.S., <i>see</i> Narayana    | vol. 13,    | p. 351 |
| Miyazawa, K., <i>see</i> Saito      | vol. 6,     | p. 249 | Ramamoorthy, P., <i>see</i> Sheela        | vol. 6,     | p. 309 |
| Mlejnek, H.-P., <i>see</i> Argyris  | vol. 15,    | p. 365 | Ramshaw, J.D., <i>see</i> Hirt            | vol. 14,    | p. 93  |
| Mlejnek, H.-P., <i>see</i> Argyris  | vol. 17/18, | p. 1   | Rao, <i>see</i> Venkateswara              |             |        |
| Mlejnek, H.-P., <i>see</i> Argyris  | vol. 19,    | p. 277 | Rarig, P.L., <i>see</i> Noor              | vol. 3,     | p. 319 |
| Morgan, K., <i>see</i> Lewis        | vol. 20,    | p. 291 | Rath, A., <i>see</i> Distefano            | vol. 5,     | p. 353 |
| Morris, A.J., <i>see</i> Kelly      | vol. 12,    | p. 219 | Rath, A., <i>see</i> Distefano            | vol. 6,     | p. 219 |
| Mote, Jr., C.D., <i>see</i> Young   | vol. 2,     | p. 159 | Raviart, P.-A., <i>see</i> Ciarlet        | vol. 1,     | p. 217 |
| Mróz, Z., <i>see</i> Szeląg         | vol. 19,    | p. 333 | Raviart, P.-A., <i>see</i> Ciarlet        | vol. 2,     | p. 17  |
| Mullen, R., <i>see</i> Belytschko   | vol. 17/18, | p. 259 | Rheinboldt, W.C., <i>see</i> Babuška      | vol. 17/18, | p. 519 |
| Müller, M., <i>see</i> Argyris      | vol. 10,    | p. 105 | Rice, J.R., <i>see</i> Nagtegaal          | vol. 4,     | p. 153 |
| Müller, M., <i>see</i> Argyris      | vol. 13,    | p. 245 | Riks, E., <i>see</i> Besseling            | vol. 17/18, | p. 131 |
| Müller, M., <i>see</i> Argyris      | vol. 15,    | p. 389 | Rosanoff, R.A., <i>see</i> Argyris        | vol. 7,     | p. 261 |
| Müller, M., <i>see</i> Argyris      | vol. 17/18, | p. 1   | Roy, J.R., <i>see</i> von Fuchs           | vol. 1,     | p. 197 |
|                                     |             |        | Roy, J.R., <i>see</i> Johnsen             | vol. 3,     | p. 357 |
|                                     |             |        | Roy, J.R., <i>see</i> Argyris             | vol. 7,     | p. 261 |
| Nagy, D., <i>see</i> Knudson        | vol. 4,     | p. 321 |   |             |        |
| Nagy, D., <i>see</i> König          | vol. 16,    | p. 185 | Sackman, J.L., <i>see</i> Hughes          | vol. 8,     | p. 249 |
| Naida, A.P., <i>see</i> Imshennik   | vol. 9,     | p. 1   | Salaam, U., <i>see</i> Sandhu             | vol. 7,     | p. 75  |
| Nash, W.A., <i>see</i> Chon         | vol. 9,     | p. 139 | Samartin, A., <i>see</i> Distefano        | vol. 5,     | p. 37  |
| Nasser, <i>see</i> Nemat-Nasser     |             |        | Scharpf, D.W., <i>see</i> Argyris         | vol. 1,     | p. 81  |
| Nedelec, J.C., <i>see</i> Grégoire  | vol. 8,     | p. 201 | Scharpf, D.W., <i>see</i> Argyris         | vol. 14,    | p. 401 |
| Nickell, R.E., <i>see</i> Tanner    | vol. 6,     | p. 155 | Scharpf, D.W., <i>see</i> Argyris         | vol. 15,    | p. 99  |
| Nyssen, C., <i>see</i> Sander       | vol. 17/18, | p. 315 | Scharpf, D.W., <i>see</i> Argyris         | vol. 17/18, | p. 1   |
|                                     |             |        | Scharpf, D.W., <i>see</i> Argyris         | vol. 20,    | p. 105 |
| Oden, J.T., <i>see</i> Wellford     | vol. 5,     | p. 83  | Scharpf, D.W., <i>see</i> Argyris         | vol. 10,    | p. 371 |
| Oden, J.T., <i>see</i> Wellford     | vol. 8,     | p. 1   | Schelle, E., <i>see</i> Argyris           | vol. 11,    | p. 97  |
| Oden, J.T., <i>see</i> Babuška      | vol. 11,    | p. 175 | Schelle, E., <i>see</i> Argyris           | vol. 11,    | p. 97  |
| Oden, J.T., <i>see</i> Babuška      | vol. 14,    | p. 1   | Schnurr, N.M., <i>see</i> Gray            | vol. 6,     | p. 243 |
| Orkisz, J., <i>see</i> Argyris      | vol. 16,    | p. 369 | Schrem, E., <i>see</i> von Fuchs          | vol. 1,     | p. 197 |
|                                     |             |        | Schultz, D., <i>see</i> Greenspan         | vol. 3,     | p. 1   |
| Page, R.H., <i>see</i> Pandolfini   | vol. 3,     | p. 29  | Schweitzer, U., <i>see</i> Niethammer     | vol. 5,     | p. 239 |
| Palma, G.E., <i>see</i> Stetson     | vol. 16,    | p. 151 | Semsarzadeh, G.A., <i>see</i> Shore       | vol. 5,     | p. 197 |
| Panzeca, T., <i>see</i> Polizzotto  | vol. 12,    | p. 129 | Shamroth, S.J., <i>see</i> Kreskovsky     | vol. 11,    | p. 39  |
| Papamichael, N., <i>see</i> Levin   | vol. 12,    | p. 201 | Shamroth, S.J., <i>see</i> Kreskovsky     | vol. 13,    | p. 307 |
| Park, K.C., <i>see</i> Felippa      | vol. 17/18, | p. 277 | Sharma, D., <i>see</i> Curr               | vol. 1,     | p. 143 |
| Parks, D.M., <i>see</i> Nagtegaal   | vol. 4,     | p. 153 | Shaw, R.H.H., <i>see</i> Anand            | vol. 15,    | p. 1   |
| Parks, D.M., <i>see</i> Rice        | vol. 17/18, | p. 411 | Shih, C.F., <i>see</i> Needleman          | vol. 15,    | p. 223 |
| Paterlini, F., <i>see</i> Maier     | vol. 19,    | p. 21  | Shir, C.C., <i>see</i> Langlois           | vol. 12,    | p. 145 |
| Patodi, S.C., <i>see</i> Buragohain | vol. 16,    | p. 313 | Sideridis, A., <i>see</i> Levin           | vol. 12,    | p. 201 |
| Paul, B., <i>see</i> Singh          | vol. 2,     | p. 339 | Singh, K.J., <i>see</i> Sandhu            | vol. 14,    | p. 23  |
| Periaux, J., <i>see</i> Bristeau    | vol. 17/18, | p. 619 | Soler, A.I., <i>see</i> Hutchins          | vol. 1,     | p. 307 |
| Perrier, P., <i>see</i> Bristeau    | vol. 17/18, | p. 619 | Soreide, T., <i>see</i> Bergan            | vol. 2,     | p. 185 |
| Pironneau, O., <i>see</i> Marrocco  | vol. 15,    | p. 277 | Sorensen, E.P., <i>see</i> Rice           | vol. 17/18, | p. 411 |
| Pironneau, O., <i>see</i> Bristeau  | vol. 17/18, | p. 619 | Soubbaramayer, <i>see</i> Lahargue        | vol. 15,    | p. 259 |
| Pister, K.S., <i>see</i> Iding      | vol. 4,     | p. 121 | Spalding, D.B., <i>see</i> Caretto        | vol. 1,     | p. 39  |
| Pister, K.S., <i>see</i> Vitiello   | vol. 8,     | p. 277 | Spalding, D.B., <i>see</i> Launder        | vol. 3,     | p. 269 |
| Pister, K.S., <i>see</i> Argyris    | vol. 10,    | p. 199 | Spalding, D.B., <i>see</i> Patankar       | vol. 6,     | p. 283 |
| Pister, K.S., <i>see</i> Ray        | vol. 14,    | p. 179 | Spalding, D.B., <i>see</i> Pollard        | vol. 13,    | p. 293 |
| Pister, K.S., <i>see</i> Hughes     | vol. 17/18, | p. 159 | Spalding, D.B., <i>see</i> Markatos       | vol. 15,    | p. 161 |
| Planchard, J., <i>see</i> Grégoire  | vol. 8,     | p. 201 | Sreekanth, A.K., <i>see</i> Dutt          | vol. 19,    | p. 417 |
| Polak, E., <i>see</i> Ray           | vol. 14,    | p. 179 | Srivastava, N.K., <i>see</i> Patnaik      | vol. 9,     | p. 245 |
| Popov, E.P., <i>see</i> Larsen      | vol. 3,     | p. 237 | Stafford, R.O., <i>see</i> Kelly          | vol. 12,    | p. 219 |
| Popov, E.P., <i>see</i> Kiciman     | vol. 13,    | p. 45  | Stein, L.R., <i>see</i> Hirt              | vol. 14,    | p. 93  |
| Prager, W., <i>see</i> Absi         | vol. 6,     | p. 59  | Stone, J.A.R., <i>see</i> Raggett         | vol. 4,     | p. 39  |
| Prager, W., <i>see</i> Rozvany      | vol. 19,    | p. 127 | Stone, J.A.R., <i>see</i> Raggett         | vol. 8,     | p. 139 |



- |                                       |             |        |   |             |        |
|---------------------------------------|-------------|--------|---|-------------|--------|
| Strada, M., <i>see</i> Lewis          | vol. 20,    | p. 291 | von Fuchs, <i>see</i> Fuchs             |             |        |
| Strang, G., <i>see</i> Nickell        | vol. 17/18, | p. 561 | Vorozhtsov, E.V., <i>see</i> Yanenko    | vol. 17/18, | p. 659 |
| Streiner, P., <i>see</i> König        | vol. 16,    | p. 185 |   |             |        |
| Symm, G.T., <i>see</i> Papamichael    | vol. 6,     | p. 175 | Wait, R., <i>see</i> Hopkins            | vol. 9,     | p. 181 |
| Szabo, B.A., <i>see</i> Peano         | vol. 16,    | p. 69  | Wait, R., <i>see</i> Hopkins            | vol. 19,    | p. 401 |
| Szimmat, J., <i>see</i> Argyris       | vol. 10,    | p. 199 | Ward, P., <i>see</i> Hitchings          | vol. 9,     | p. 191 |
|                                       |             |        | Watson, J.O., <i>see</i> Lachat         | vol. 10,    | p. 273 |
| Taddei, F., <i>see</i> Maier          | vol. 17/18, | p. 469 | Webel, H., <i>see</i> Rosanoff          | vol. 7,     | p. 369 |
| Tatchell, D.G., <i>see</i> Curr       | vol. 1,     | p. 143 | Weitsman, Y., <i>see</i> Aboudi         | vol. 4,     | p. 349 |
| Tatchell, D.G., <i>see</i> Markatos   | vol. 15,    | p. 161 | van der Werff, K., <i>see</i> Besseling | vol. 17/18, | p. 131 |
| Taylor, C., <i>see</i> Morgan         | vol. 19,    | p. 117 | Willam, K.J., <i>see</i> Argyris        | vol. 8,     | p. 215 |
| Taylor, L.M., <i>see</i> Hibbitt      | vol. 17/18, | p. 203 | Willam, K.J., <i>see</i> Argyris        | vol. 10,    | p. 199 |
| Taylor, R.L., <i>see</i> Goudreau     | vol. 2,     | p. 69  | Willam, K.J., <i>see</i> Argyris        | vol. 12,    | p. 243 |
| Taylor, R.L., <i>see</i> Iding        | vol. 4,     | p. 121 | Willam, K.J., <i>see</i> Argyris        | vol. 16,    | p. 231 |
| Taylor, R.L., <i>see</i> Hughes       | vol. 8,     | p. 249 | Willam, K.J., <i>see</i> Argyris        | vol. 17/18, | p. 341 |
| Taylor, R.L., <i>see</i> Hughes       | vol. 17/18, | p. 159 | Wilson, E.L., <i>see</i> Clough         | vol. 17/18, | p. 107 |
| Taylor, T.D., <i>see</i> Holt         | vol. 16,    | p. 281 | Wilson, J.L., <i>see</i> Shore          | vol. 5,     | p. 197 |
| Thomas, H.R., <i>see</i> Lewis        | vol. 20,    | p. 291 | Wilson, P.D., <i>see</i> Raggett        | vol. 4,     | p. 39  |
| Thyagaraja, A., <i>see</i> Pollard    | vol. 19,    | p. 107 | Wimp, J., <i>see</i> Fair               | vol. 11,    | p. 207 |
| Ting, T.C.T., <i>see</i> Lee          | vol. 5,     | p. 69  | Wisher, S.J., <i>see</i> Raggett        | vol. 8,     | p. 139 |
| Tranberg, C.H., <i>see</i> Swannell   | vol. 16,    | p. 291 | Wolf, J.P., <i>see</i> Chan             | vol. 13,    | p. 1   |
| Trbojevic, V.M., <i>see</i> Chan      | vol. 9,     | p. 337 |   |             |        |
| Trbojevic, V.M., <i>see</i> Chan      | vol. 10,    | p. 75  | Yadagiri, S., <i>see</i> Patnaik        | vol. 16,    | p. 213 |
| Tsuei, Y.G., <i>see</i> Nilson        | vol. 6,     | p. 265 | Yang, W.H., <i>see</i> Lee              | vol. 5,     | p. 69  |
| Turcke, D.J., <i>see</i> Tang         | vol. 11,    | p. 31  | Yang, W.H., <i>see</i> Lee              | vol. 10,    | p. 339 |
|                                       |             |        | Yang, W.H., <i>see</i> Watson           | vol. 15,    | p. 353 |
| Utku, S., <i>see</i> Salama           | vol. 10,    | p. 325 | Yang, W.H., <i>see</i> O'Leary          | vol. 16,    | p. 361 |
|                                       |             |        | Yavin, Y., <i>see</i> Friedman          | vol. 8,     | p. 349 |
| van der Werff, <i>see</i> Werff       |             |        | Yavin, Y., <i>see</i> Friedman          | vol. 16,    | p. 37  |
| Vaz, L.E., <i>see</i> Argyris         | vol. 12,    | p. 243 | Yen, H.-J., <i>see</i> Belytschko       | vol. 17/18, | p. 259 |
| Vaz, L.E., <i>see</i> Argyris         | vol. 16,    | p. 231 |   |             |        |
| Vaz, L.E., <i>see</i> Argyris         | vol. 17/18, | p. 341 | Zavelani, A., <i>see</i> Corradi        | vol. 3,     | p. 37  |
| Venkateswara Rao, G., <i>see</i> Raju | vol. 15,    | p. 201 | Zavelani, A., <i>see</i> Contro         | vol. 5,     | p. 127 |
| Vlachos, N., <i>see</i> Markatos      | vol. 15,    | p. 161 | Zuchowizkii, S., <i>see</i> Bogomolnii  | vol. 15,    | p. 149 |





# CUMULATIVE SUBJECT INDEX OF VOLUMES 1-20\*

## Dynamics

|     |     |     |     |     |     |     |     |     |     |     |     |     |            |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2   | 6   | 7   | 8   | 9   | 15  | 17  | 21  | 22  | 26  | 35  | 36  | 37  | <u>50</u>  | 56  | 57  | 59  | 64  | 65  | 66  | 71  | 73  | 95  |
| 97  | 103 | 119 | 121 | 123 | 124 | 129 | 135 | 136 | 137 | 138 | 153 | 162 | <u>164</u> | 168 | 169 | 179 | 184 | 189 | 207 | 210 | 218 | 230 |
| 242 | 244 | 245 | 278 | 286 | 288 | 295 | 307 | 309 | 322 | 331 | 342 | 354 | <u>360</u> | 361 | 367 | 373 | 382 | 383 | 396 | 399 | 400 |     |

## Finite difference methods

|     |            |     |           |     |     |     |     |     |            |     |     |     |     |     |     |     |     |     |     |     |     |            |
|-----|------------|-----|-----------|-----|-----|-----|-----|-----|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| 2   | 3          | 5   | 6         | 7   | 8   | 9   | 12  | 26  | 33         | 35  | 36  | 40  | 44  | 55  | 59  | 67  | 68  | 69  | 71  | 77  | 78  | 79         |
| 80  | 82         | 84  | <u>87</u> | 90  | 93  | 94  | 104 | 109 | <u>114</u> | 118 | 126 | 127 | 129 | 133 | 135 | 136 | 148 | 152 | 153 | 154 | 155 | 157        |
| 160 | 176        | 177 | 178       | 181 | 182 | 184 | 185 | 190 | <u>191</u> | 196 | 197 | 207 | 218 | 228 | 233 | 234 | 235 | 236 | 240 | 242 | 244 | 248        |
| 253 | 254        | 259 | 260       | 267 | 269 | 271 | 272 | 285 | 286        | 287 | 289 | 290 | 299 | 305 | 310 | 312 | 315 | 317 | 321 | 323 | 324 | <u>329</u> |
| 331 | <u>333</u> | 334 | 346       | 348 | 350 | 351 | 352 | 354 | 367        | 368 | 369 | 374 | 377 | 379 | 386 | 392 | 396 | 399 | 402 | 405 | 406 | 410        |

## Finite element and matrix methods

|     |     |     |           |           |     |     |     |     |     |            |     |            |            |     |     |            |            |            |            |     |     |     |
|-----|-----|-----|-----------|-----------|-----|-----|-----|-----|-----|------------|-----|------------|------------|-----|-----|------------|------------|------------|------------|-----|-----|-----|
| 10  | 11  | 12  | <u>13</u> | <u>14</u> | 15  | 16  | 17  | 18  | 19  | 20         | 21  | 23         | 24         | 25  | 26  | 27         | 28         | 29         | 30         | 31  | 32  | 33  |
| 34  | 35  | 36  | 37        | 38        | 39  | 40  | 43  | 44  | 47  | 48         | 49  | 51         | 52         | 53  | 54  | 57         | 59         | 61         | 62         | 63  | 64  | 65  |
| 66  | 70  | 71  | 72        | 74        | 75  | 76  | 80  | 83  | 84  | 85         | 86  | 88         | 89         | 90  | 91  | 92         | 95         | 96         | <u>98</u>  | 99  | 100 | 103 |
| 105 | 108 | 112 | 113       | 115       | 116 | 118 | 119 | 122 | 127 | <u>129</u> | 130 | 131        | 132        | 134 | 135 | <u>139</u> | <u>141</u> | <u>142</u> | <u>144</u> | 145 | 146 | 148 |
| 149 | 150 | 151 | 153       | 154       | 159 | 160 | 161 | 164 | 165 | 168        | 170 | 175        | 179        | 180 | 184 | 185        | <u>186</u> | 187        | 188        | 189 | 191 | 192 |
| 194 | 201 | 202 | 206       | 207       | 208 | 211 | 212 | 218 | 219 | 220        | 221 | 223        | 224        | 225 | 226 | 227        | 231        | 232        | 238        | 239 | 241 | 243 |
| 245 | 247 | 249 | 252       | 253       | 255 | 257 | 258 | 261 | 263 | 265        | 266 | 267        | 270        | 272 | 275 | 276        | 279        | 280        | 281        | 283 | 284 | 287 |
| 291 | 292 | 293 | 294       | 296       | 297 | 302 | 303 | 304 | 309 | 310        | 311 | 313        | 314        | 319 | 320 | 321        | 325        | 327        | 328        | 330 | 332 | 336 |
| 337 | 338 | 339 | 340       | 342       | 347 | 353 | 354 | 355 | 356 | 357        | 358 | <u>359</u> | <u>360</u> | 362 | 363 | 366        | 370        | 372        | 373        | 375 | 376 | 381 |
| 382 | 385 | 386 | 387       | 388       | 391 | 393 | 394 | 396 | 397 | 398        | 399 | 400        | 401        | 402 | 404 | 406        | 407        | 408        | 409        | 410 |     |     |

## Fluid mechanics

|     |     |     |     |     |     |     |     |     |     |     |     |     |           |     |     |     |     |     |            |     |            |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|------------|-----|------------|-----|
| 35  | 40  | 51  | 55  | 67  | 68  | 69  | 71  | 75  | 78  | 79  | 80  | 82  | <u>87</u> | 91  | 92  | 93  | 100 | 109 | <u>114</u> | 116 | 125        | 126 |
| 130 | 131 | 133 | 144 | 145 | 152 | 155 | 160 | 161 | 170 | 171 | 172 | 173 | 174       | 176 | 177 | 178 | 182 | 183 | 184        | 197 | <u>198</u> | 199 |
| 200 | 227 | 228 | 232 | 234 | 235 | 236 | 239 | 247 | 248 | 258 | 259 | 260 | 267       | 269 | 271 | 272 | 277 | 285 | 287        | 299 | 305        | 315 |
| 316 | 317 | 323 | 324 | 332 | 363 | 367 | 374 | 377 | 385 | 386 | 392 | 396 | 402       | 405 | 410 |     |     |     |            |     |            |     |

## Heat and diffusion

|     |     |     |     |     |     |     |     |     |     |     |     |           |     |     |            |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|------------|-----|-----|-----|-----|-----|-----|-----|
| 26  | 35  | 36  | 39  | 41  | 51  | 52  | 71  | 77  | 78  | 79  | 82  | <u>87</u> | 92  | 93  | <u>114</u> | 143 | 146 | 147 | 154 | 155 | 157 | 165 |
| 185 | 190 | 191 | 192 | 224 | 226 | 228 | 232 | 235 | 240 | 246 | 248 | 252       | 253 | 259 | <u>260</u> | 285 | 287 | 295 | 305 | 306 | 317 | 323 |
| 324 | 332 | 355 | 386 | 389 | 392 | 394 | 397 | 398 | 405 |     |     |           |     |     |            |     |     |     |     |     |     |     |

## Miscellaneous topics

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |            |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|-----|-----|-----|-----|-----|
| 2   | 9   | 10  | 26  | 35  | 45  | 46  | 50  | 57  | 71  | 73  | 74  | 80  | 82  | 83  | 89  | 91  | 101        | 102 | 103 | 104 | 106 | 107 |
| 108 | 109 | 115 | 116 | 119 | 122 | 123 | 124 | 128 | 129 | 131 | 133 | 140 | 147 | 150 | 151 | 160 | 169        | 172 | 173 | 174 | 178 | 183 |
| 184 | 185 | 186 | 187 | 195 | 196 | 199 | 200 | 209 | 210 | 211 | 212 | 223 | 226 | 231 | 232 | 234 | 236        | 239 | 247 | 250 | 251 | 253 |
| 254 | 255 | 256 | 261 | 264 | 271 | 277 | 278 | 282 | 288 | 289 | 301 | 304 | 316 | 320 | 321 | 326 | <u>333</u> | 334 | 335 | 347 | 348 | 349 |
| 350 | 351 | 352 | 354 | 355 | 358 | 362 | 366 | 368 | 372 | 375 | 378 | 389 | 394 | 400 | 409 |     |            |     |     |     |     |     |

## Nonlinear structural mechanics

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2   | 3   | 15  | 16  | 17  | 23  | 24  | 25  | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 38  | 39  | 49  | 52  | 53  | 59  |
| 60  | 61  | 62  | 63  | 64  | 65  | 71  | 83  | 84  | 86  | 88  | 94  | 95  | 96  | 101 | 103 | 108 | 110 | 111 | 113 | 129 | 140 | 159 |
| 163 | 168 | 175 | 179 | 180 | 187 | 188 | 191 | 194 | 207 | 218 | 219 | 222 | 237 | 238 | 244 | 252 | 256 | 258 | 266 | 276 | 280 | 282 |
| 283 | 284 | 286 | 294 | 296 | 302 | 304 | 306 | 310 | 326 | 327 | 328 | 336 | 354 | 371 | 390 | 398 | 399 |     |     |     |     |     |

\*Numbers refer to papers listed in the Cumulative Author Index.

*Optimization*

35 42 43 49 56 58 70 71 72 74 80 85 86 102 109 110 111 112 117 125 132 134 137  
 151 159 162 163 166 167 168 212 213 214 222 224 229 233 256 257 258 261 262 263 265 266 273  
 274 278 283 284 297 298 300 306 307 308 312 313 318 319 322 325 326 328 343 344 345 346 363  
 364 365 378 383 384 387 390 395 403 407 410

*Shells and plates*

13 14 24 23 28 35 53 64 65 71 72 84 85 94 95 96 101 104 105 106 108 113 118  
 132 158 188 193 201 202 220 225 226 233 238 241 258 265 270 280 282 290 292 293 302 303 306  
 307 310 312 320 326 330 335 337 356 362 371 375 376 378 379 380 381

*Solutions of differential equations*

1 3 4 5 6 7 8 9 21 22 26 33 35 36 40 41 43 44 47 48 49 50 51  
 55 56 57 59 64 66 67 68 69 71 73 75 77 80 82 83 87 89 90 91 92 93 94  
 95 97 98 99 100 101 103 104 109 110 114 115 116 119 121 122 123 124 126 127 128 129 131  
 133 136 137 140 141 143 144 146 147 148 150 151 152 153 154 155 158 160 161 162 164 165 168  
 169 171 176 177 178 179 180 181 182 183 184 185 186 189 190 192 193 194 196 197 200 201 202  
 206 207 209 210 215 218 222 227 228 230 232 233 234 235 236 237 239 241 242 244 245 246 247  
 248 250 251 252 253 254 255 257 259 260 261 264 267 269 271 272 279 281 282 285 286 287 289  
 290 295 297 299 300 301 305 307 309 310 312 315 316 320 321 322 323 324 327 329 331 332 333  
 334 340 342 346 348 349 350 351 352 354 355 356 359 360 362 363 367 369 371 373 374 377 379  
 382 385 386 388 389 392 393 394 396 397 398 399 402 405 406 409 410

*Solutions of integral equations*

2 9 35 70 71 115 128 137 153 170 173 195 198 199 215 216 217 231 271 279 301 323 368  
 371 380

*Structural mechanics*

5 6 8 9 10 11 16 18 19 20 21 27 34 35 37 43 54 59 66 70 71 74 76  
 97 112 117 119 121 130 132 134 142 143 149 153 164 168 169 193 202 204 205 206 208 212 213  
 214 215 216 217 221 223 224 229 231 241 242 243 245 249 250 257 258 262 263 265 270 273 274  
 275 290 291 295 297 298 300 307 308 309 311 313 314 318 319 325 329 332 337 338 339 340 342  
343 344 345 346 353 355 357 359 366 368 370 372 375 376 382 383 384 387 388 390 391 395 401  
 406 407 408

*Systems of linear and nonlinear simultaneous equations*

12 18 19 20 21 31 32 33 35 36 37 39 42 43 44 59 61 71 74 75 76 80 81  
 86 109 113 119 120 121 135 138 139 145 151 152 156 164 191 197 203 204 205 208 228 230 234  
 236 268 272 276 286 294 309 310 331 341 352 361 362 369 370 371 373 374 386 391 392 395 401  
 405 406 410



